

ABSTRACT

An electrical connector (1) includes a dielectric housing (2) including front and rear housing portions (20, 22) each defining a number of juxtaposed channels (202) along a first direction and an intermediate housing portion (24) interconnecting the front housing portion with the rear housing portion. A number of circuit modules (3) are side by side retained in the housing along a second direction perpendicular to the first direction. Each circuit module includes a first circuit board (30), a second circuit board (32) and a number of cables (33) electrically connecting the first circuit board with the second circuit board. The first and the second circuit boards have front and rear mating edges (30, 32) respectively received in the channels of the front and the rear housing portions for mating with complementary components.